

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/052798

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H04N7/173 G09B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H04N G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/18658 A (HOTV INC) 15 March 2001 (2001-03-15) page 10 page 11 page 13 figure 5b -----	1-14
X	US 2002/092032 A1 (KIM YEONG-TAEG) 11 July 2002 (2002-07-11) the whole document -----	1, 9
A		2-8, 10-14
X	EP 1 324 610 A (HUMAX CO., LTD) 2 July 2003 (2003-07-02) abstract -----	1, 9
A		2-8, 10-14
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## ° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

Date of mailing of the International search report

6 April 2005

15/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
 Fax: (+31-70) 340-3016

Authorized officer

Bertrand, F

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/052798

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Relevant to claim No.	
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 11, 6 November 2002 (2002-11-06) & JP 2002 209202 A (DAINIPPON PRINTING CO LTD), 26 July 2002 (2002-07-26) abstract -----	1-14
A	EP 1 239 619 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 11 September 2002 (2002-09-11) the whole document -----	1-14
X	US 6 298 129 B1 (CULVER TIMOTHY L ET AL) 2 October 2001 (2001-10-02)	1,9
A	column 6, line 7 - line 25 -----	2-8, 10-14
A	WO 99/17235 A (AT & T CORP) 8 April 1999 (1999-04-08) the whole document -----	1-14
A	US 2003/022622 A1 (WEINBLATT LEE S ET AL) 30 January 2003 (2003-01-30) paragraph '0014! -----	1-14
A	US 5 508 731 A (KOHORN ET AL) 16 April 1996 (1996-04-16) the whole document -----	1,4,5,9, 12
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09, 4 September 2002 (2002-09-04) & JP 2002 135809 A (STAR ALPHA KK), 10 May 2002 (2002-05-10) abstract -----	1,4,5,12

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/052798